

Title (en)

Control of process

Title (de)

Steuerung eines Prozesses

Title (fr)

Procédé de commande de processus

Publication

**EP 0801298 B1 20060621 (EN)**

Application

**EP 96430002 A 19960409**

Priority

EP 96430002 A 19960409

Abstract (en)

[origin: EP0801298A1] Method of controlling a steam cracking process for which a material X is a feed in order to keep substantially constant the value  $V_c$  of a property P of said feed, or the yield of said process, which method comprises measuring the absorption  $D_{ix}$  of said material at more than one wavelength in the region 600-2600nm, comparing signals (i) indicative of said absorptions or a mathematical function thereof with signals (ii) indicative of absorptions  $D_{im}$  at the same wavelengths or a mathematical function thereof for at least 2 standards  $S_m$  for which the said property or yield has a known value V, at least one of said standards  $S_m$  having a value  $V_c$  for said property or yield and controlling said process to ensure that said standard  $S_m$  or standard(s)  $S_m$  is the standard or standards having the smaller or smallest average value of the absolute difference at each wavelength i between the signal for said material and the signal from the standard  $S_m$ . <IMAGE>

IPC 8 full level

**G01N 21/35** (2006.01); **C10G 9/00** (2006.01); **C10G 9/20** (2006.01); **G01N 33/28** (2006.01)

CPC (source: EP)

**C10G 9/00** (2013.01); **C10G 9/206** (2013.01); **G01N 21/359** (2013.01); **G01N 33/2829** (2013.01)

Citation (examination)

EP 0801299 B1 20040317 - EUTECH ENGINEERING SOLUTIONS L [GB]

Cited by

EP2868731A1; US7238847B2; WO2004058919A1

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